

GenCore version 5.1.7  
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OM nucleic - nucleic search, using sw model

Run on: April 14, 2006, 16:49:04 ; Search time 363 Seconds  
(without alignments)  
9470.535 Million cell updates/sec

Title: US-10-086-623-5  
Perfect score: 1934  
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Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 1303057 seqs, 888780828 residues

Total number of hits satisfying chosen parameters: 2606114

Minimum DB seq length: 0  
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Post-processing: Minimum Match 0%  
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Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	1934	100.0	2253	3	US-09-438-046-7	Sequence 7, Appli
3	1491.8	77.1	1882	3	US-09-457-066-36	Sequence 36, Appl
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5	1491.8	77.1	1882	3	US-09-564-595D-1	Sequence 1, Appli
6	1491.8	77.1	1882	3	US-09-706-968-36	Sequence 36, Appl
7	1491.8	77.1	1882	3	US-09-808-972-1	Sequence 1, Appli
8	1491.8	77.1	1882	3	US-10-139-583-36	Sequence 36, Appl

9	1491.8	77.1	1882	3	US-10-039-847A-1	Sequence 1, Appli
10	1491.8	77.1	1882	3	US-10-226-559-1	Sequence 1, Appli
11	1491.8	77.1	1882	3	US-09-541-752-36	Sequence 36, Appl
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21	662	34.2	690	3	US-09-438-046-3	Sequence 3, Appli
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c 24	213.8	11.1	256	3	US-09-389-681-13	Sequence 13, Appl
c 25	213.8	11.1	256	3	US-09-620-405B-13	Sequence 13, Appl
c 26	213.8	11.1	256	3	US-09-339-338-13	Sequence 13, Appl
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c 33	213.8	11.1	256	3	US-09-551-621A-13	Sequence 13, Appl
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41	123.2	6.4	3571	3	US-09-706-968-42	Sequence 42, Appl
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45	123.2	6.4	3571	3	US-09-695-121-3	Sequence 3, Appli

#### ALIGNMENTS

##### RESULT 1

US-09-438-046-5

; Sequence 5, Application US/09438046

; Patent No. 6706687

; GENERAL INFORMATION:

; APPLICANT: ERIKSSON, Ulf

; APPLICANT: AASE, Karin

; APPLICANT: LEE, Xuri

; APPLICANT: PONTN, Annica

; APPLICANT: UUTELA, Marko

; APPLICANT: ALITALO, Kari

; APPLICANT: OESTMAN, Arne

; APPLICANT: HELDIN, Carl-Henrik

; TITLE OF INVENTION: PLATELET-DERIVED GROWTH FACTOR D, DNA CODING

; TITLE OF INVENTION: THEREFOR, AND USES THEREOF

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OM nucleic - protein search, using frame\_plus\_n2p model

Run on: April 14, 2006, 14:31:10 ; Search time 12.9 Seconds  
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2478.989 Million cell updates/sec

Title: US-10-086-623-5  
Perfect score: 3446  
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Ygapop 10.0 , Ygapext 0.5  
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Delop 6.0 , Delext 7.0

Searched: 572060 seqs, 82675679 residues

Total number of hits satisfying chosen parameters: 1144120

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Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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11	1742	50.6	370	2	US-10-226-559-2		Sequence 2, Appli
12	1742	50.6	370	2	US-09-541-752-37		Sequence 37, Appl
13	1742	50.6	370	2	US-09-695-121-5		Sequence 5, Appli
14	1742	50.6	370	2	US-09-876-813A-2		Sequence 2, Appli
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16	1561	45.3	370	2	US-09-564-595D-53		Sequence 53, Appl
17	1561	45.3	370	2	US-09-808-972-4		Sequence 4, Appli
18	1561	45.3	370	2	US-10-039-847A-4		Sequence 4, Appli
19	1561	45.3	370	2	US-10-226-559-4		Sequence 4, Appli
20	1561	45.3	370	2	US-09-876-813A-53		Sequence 53, Appl
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22	1357.5	39.4	316	2	US-09-564-595D-55		Sequence 55, Appl
23	1095	31.8	303	2	US-09-564-595D-57		Sequence 57, Appl
24	1061.5	30.8	302	2	US-09-564-595D-54		Sequence 54, Appl
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26	750.5	21.8	345	2	US-09-457-066-43		Sequence 43, Appl
27	750.5	21.8	345	2	US-09-564-595D-35		Sequence 35, Appl
28	750.5	21.8	345	2	US-09-706-968-43		Sequence 43, Appl
29	750.5	21.8	345	2	US-09-823-033-4		Sequence 4, Appli
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43	739.5	21.5	345	2	US-09-823-033-2		Sequence 2, Appli
44	739.5	21.5	345	2	US-09-468-647A-2		Sequence 2, Appli
45	739.5	21.5	345	2	US-09-468-647A-101		Sequence 101, App

#### ALIGNMENTS

##### RESULT 1

US-09-438-046-6

; Sequence 6, Application US/09438046

; Patent No. 6706687

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; GENERAL INFORMATION:
; APPLICANT: ERIKSSON, Ulf
; APPLICANT: AASE, Karin
; APPLICANT: LEE, Xuri
; APPLICANT: PONTN, Annica
; APPLICANT: UUTELA, Marko
; APPLICANT: ALITALO, Kari
; APPLICANT: OESTMAN, Arne
; APPLICANT: HELDIN, Carl-Henrik
; TITLE OF INVENTION: PLATELET-DERIVED GROWTH FACTOR D,   DNA CODING
; TITLE OF INVENTION: THEREFOR, AND USES THEREOF
; FILE REFERENCE: Ulf Eriksson et al   1064-44833
; CURRENT APPLICATION NUMBER: US/09/438,046
; CURRENT FILING DATE: 1999-11-10
; EARLIER APPLICATION NUMBER: 60/107,852
; EARLIER FILING DATE: 1998-11-10
; EARLIER APPLICATION NUMBER: 60/113,997
; EARLIER FILING DATE: 1999-12-28
; EARLIER APPLICATION NUMBER: 60/150,604
; EARLIER FILING DATE: 1999-08-26
; EARLIER APPLICATION NUMBER: 60/157,108
; EARLIER FILING DATE: 1999-10-04
; EARLIER APPLICATION NUMBER: 60/157,756
; EARLIER FILING DATE: 1999-10-05
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
;   LENGTH: 322
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-438-046-6
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Qy	841	GAGGTATTACAGTTTGAGCCTGGCCACATCAAGAGGAGGGGTAGAGCTAAGACCATGGCT	900
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RESULT 2

US-09-457-066-37

; Sequence 37, Application US/09457066

; Patent No. 6432673